

#2

Express Mail No.: EL 451 596 512 US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Jeffrey C. Mogul

Serial No.: To be assigned

Group Art Unit: To be assigned

Filed: Herewith

Examiner: To be assigned

For: REDUCTION OF NETWORK  
RETRIEVAL LATENCY USING CACHE  
AND DIGEST

Attorney Docket No.: 9772-0323-999



**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a.  Form PTO-1449.
  - 1b.  Copies of publications.
2.  This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b) before the latter of three months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or certification is required.
3.  The Commissioner is authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement and/or Petition to Pennie & Edmonds LLP Deposit Account No. 16-1150.
4.  No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than a search report of a foreign counterpart application or PCT International Search Report if submitted herewith). 37 C.F.R. §§1.97(g) and (h).

Respectfully submitted,

  
Gary S. Williams  
PENNIE & EDMONDS LLP  
3300 Hillview Avenue  
Palo Alto, California 94304  
(650) 493 - 4935

Date April 3, 2001

31,066

(Reg. No.)

<b>LIST OF REFERENCES CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>					ATTY. DOCKET NO.	APPLICATION NO.		
					9772-0323-999	To be assigned		
					APPLICANT	Jeffrey C. Mogul		
					FILING DATE	GROUP	Herewith	

S-5661  
U.S. 84/04708

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,919,247	7/6/99	Van Hoff <i>et al.</i>			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AB	W3 Consortium, "The HTTP Distribution and Replication Protocol," <a href="http://www.w3.org/TR/NOTE">http://www.w3.org/TR/NOTE</a> (August 25, 1997).					
	AC	Bangla, Gaurav <i>et al.</i> , "Optimistic Deltas for WWW Latency Reduction," Usenix - Abstract - 1997 Annual Technical Conference. <a href="http://www.usenix.org/publications">http://www.usenix.org/publications</a> .					
	AD	Mogul, Jeffrey C., "A trace-based analysis of duplicate suppression in HTTP," Western Research Laboratory - Compaq, Research Report 99/2, November 1999.					
	AE	Mogul, Jeffrey C., "Squeezing More Bits Out of HTTP Caches," IEEE Network, May/June 2000.					
	AF	Preneel, Bart <i>et al.</i> , "The Cryptographic Hash Function RIPEMD-160," The Technical Newsletter of RSA Laboratories, Autumn 1997.					
	AG	Rivest, R., "The MD5 Message-Digest Algorithm," <a href="http://rfc-fh-koeln.de/rfc/html/rfc1321.html">http://rfc-fh-koeln.de/rfc/html/rfc1321.html</a> .					
	AH	Santos, Jonathan <i>et al.</i> , "Increasing Effective Link Bandwidth by Suppressing Replicated Data," Abstract - Usenix Annual Technical Conference, 1998. <a href="http://www.usenix.org/publications">http://www.usenix.org/publications</a> .					
	AI	Santos, Jonathan <i>et al.</i> , "Increasing Effective Link Bandwidth by Suppressing Replicated Data," USENIX Annual Technical Conference (No. 98), June 1998.					
	AJ	Tridgell, Andrew <i>et al.</i> , "The rsync algorithm," The Australian National University, June 1996.					

EXAMINER	DATE CONSIDERED
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	